

ETC Minutes - 5/12/2009

Tuesday, May 12, 2009
3:00 PM

Attendees

- Matt Cechini (ECHO Ops)
- Linnette Quick (ECHO Ops)
- Frank Corprew (ECHO Ops)
- Andy Mitchell (ESDIS)
- Dan Pilone (ECHO)
- Cristina Bories (ECHO)
- Ed Seufert (WIST)
- Doug Fowler (NSIDC)
- Dave Korn (NSIDC)
- Amanda Leon (NSIDC)
- Cathy Fowler (NSIDC)
- Todd Edmands (NSIDC)
- Renea Ericson (NSIDC)
- Frank Schaffer (NSIDC)
- Matt Martens (LPDAAC)
- Lisa Baatz (USGS_EROS)
- Dan Traut (LPDAAC)
- Chris Finch (PODAAC)
- Ben McMurtry (ORNL)
- Ed Seiler (GSFCS4PA)
- Merlie Hanson (SEDAC)
- Marilyn Drewry (GHRC)
- Lindsay Parker (LARC)
- Rosy Cordova (GCMD)
- Jon Pals (ECS)

Agenda

1. ECHO Operations Status
2. Browse Recovery Plans
3. Results Sorting Status
4. ECHO 10.11 Plans
5. Data Partner Ingest Notifications
6. TwoDCoordinateSystem Ops Concept Review
7. ECHO Database Partitioning
8. Upcoming Events
 - a. Preventative Maintenance (5/13/09 8:00am - 12:00pm EST)
 - b. ECHO/WIST 10.11 to Operations (5/20/09)
9. Other Questions/Issues

1. ECHO Operational Status

The ECHO Operational Performance/Activity Metrics are as follows. These metrics are for the week of 4/12 - 4/25

- Total # Queries (end-user) - 33704
- Average Query Time - 64.95s
- Query Time Std. Dev - 536.15s
- Total # Orders - 2989
- Total # ECHO Users - 6548 (+258)

Cascading situation of downtime. Lost a number of drives within our browse storage. In the course of recovering that data, and while connecting secondary storage within ECHO, a failure was expected. Moved over to backup system and Operated successfully. Concurrently worked on restoring previously operational, now standby system. Wanted to make sure performance system would run as expected on secondary system as a... Tier 1 systems needed to be cleared first.

2. Browse Recovery

ECHO continues to work with its data providers to restore the lost browse image files. The status is as follows:

- LPDAAC - ASTER data has been copied to ECHO browse storage. MODIS browse data being copied to ECHO browse storage.
- LARC - Processed all exported browse images sent via BMGT
- NSIDC - Received drive did not contain readable data. Awaiting LPDAAC drive
- LAADS - Switched to 100% online URLs. Processing ECHO-Hosted browse deletions.
- GSFC4PA - Awaiting re-send browse files from GSFC4PA. Will use online URLs in the future.
- SEDAC - Browse restoration is completed.

3. Results Sorting Status

Moving forward

4. ECHO 10.11 Plans

Ingest paused the night before.

MTMGW still not working. Will ECHO hold off for a week? Yes.

5. Data Partner Ingest Notifications

ECHO ingest currently sends an email to the configured addresses associated with each ECHO data provider when the following actions occur:

- * Provider is manually paused or resumed
- * Ingest Job Creation/Completion
- * Out of Sequence Package (after Ops configurable timeout)
- * No Input Received (after Ops configurable timeout)

The following situations do not generate an email to providers:

- * Ingest Shutdown/Restart
- * Provider paused due to internal error

- LPDAAC (Dan) - Ok with both conditions.
- NSIDC (Cathy) -
- GSFC4PA - Would be ok . Alert emails will have different text. Different per mode?
 - No Input Received emails
- LAADS (Neal) - Not interested in the new email notifications. Would be interested in having the notices configurable in PUMP.
- LARC (Greg) - Would like to have the currently unreported notifications added to the notifications sent to providers.

Coordinate via ETC regarding text.

6. TwoDCoordinateSystem Ops Concept Review

Marilyn - Is it path/row row? Other than ECS?

What release?

7. ECHO Database Partitioning

8. Upcoming Events

- Preventative Maintenance (5/13/09 8:00am - 12:00pm EST)
- ECHO/WIST 10.11 to Operations (5/27/09)

9. Questions

None.